

Internet based Nordic database for model evaluation

Purpose: Facilitate "approved" data for model evaluation (hourly and daily values)

1. Local scale: Street canyon models
Open road / line source models
2. Urban scale: Gaussian, Lagrangian and grid models
3. Regional scale: Grid models

Phase I (to be completed summer 2004, Swedish funds)

1. Hornsgatan data set (details on next page)

(15 months 2002-2003)

2. Four swedish cities (Sthlm, Gbg, Malmö, Umeå): PM10/PM2.5, NO2/NOx

(24 months 1999-2001)

3. Nordic data (EMEP, URBAN etc): - SO4, SO2, NO2, NH3+NH4, HNO3+NO3,

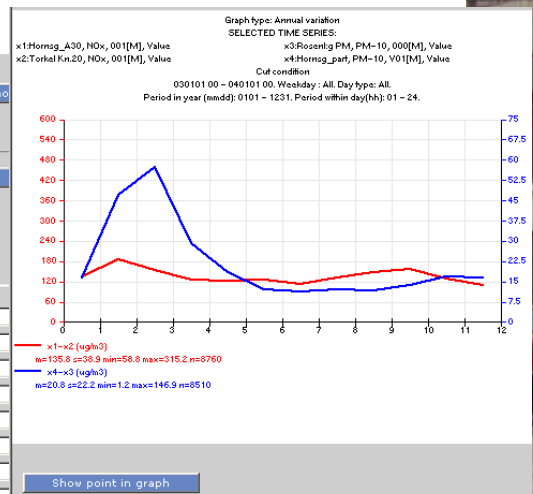
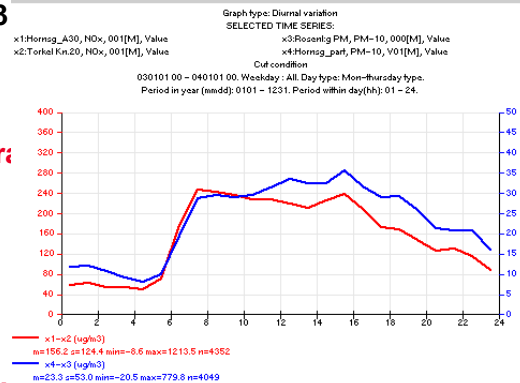
(24 months 2000-2001)

- HNO3, NH3, Na, Cl
- O3

Street canyon data set

Data available for Oct 2002 - Dec 2003

NOx street and roof
 NO2 - " -
 PM10 street, roof and rural
 PM2.5 - " -
 ToN - " -
 CO street and roof
 benzene street
 ozone roof and rural
 meteorology (all needed)
 traffic volume (4 lanes, no LDV)



Airviro

EDB Indico Presentation Indico Validation

Variables

Default Default properties

Plot var Min Max Unit Formula Help

	1	2	3	4	5	6	7	8	9
<input checked="" type="checkbox"/>	1	0.0	400	ug/m3	x1-x2				
<input type="checkbox"/>	2	0.0	1500.0	ug/m3	x2				
<input type="checkbox"/>	3	0.0	180.0	ug/m3	x3				
<input checked="" type="checkbox"/>	4	0.0	50	ug/m3	x4-x3				
<input type="checkbox"/>	5	0.0	100.0						
<input type="checkbox"/>	6	0.0	100.0						
<input type="checkbox"/>	7	0.0	100.0						
<input type="checkbox"/>	8	0.0	100.0						
<input type="checkbox"/>	9	0.0	100.0						

- Domain & Time resol.
- Time Series
- Period
- Criteria
- Variables
- Graph Type
- Graph Settings
- Macros
- Output
- Graph
- PDF
- Text
- Real Time